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Windows Phone 8.1 (LUMIA)

Community Group

HOW TO

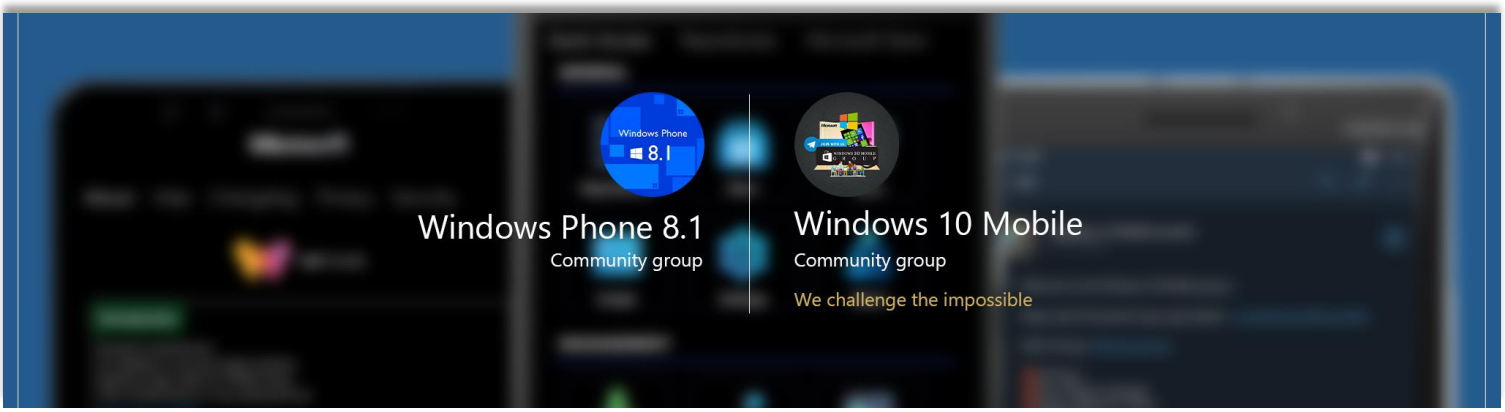
DEPLOY APPLICATIONS

TO WINDOWS PHONE 8.1

WITH-PC METHOD

Requirements

- A Windows PC (Recommended: Windows 8 OR above | Minimum: Windows 7 SP1)
- Jail-broken Windows Phone 8.1 Device



W10M Group YouTube Channel

YOUTUBE

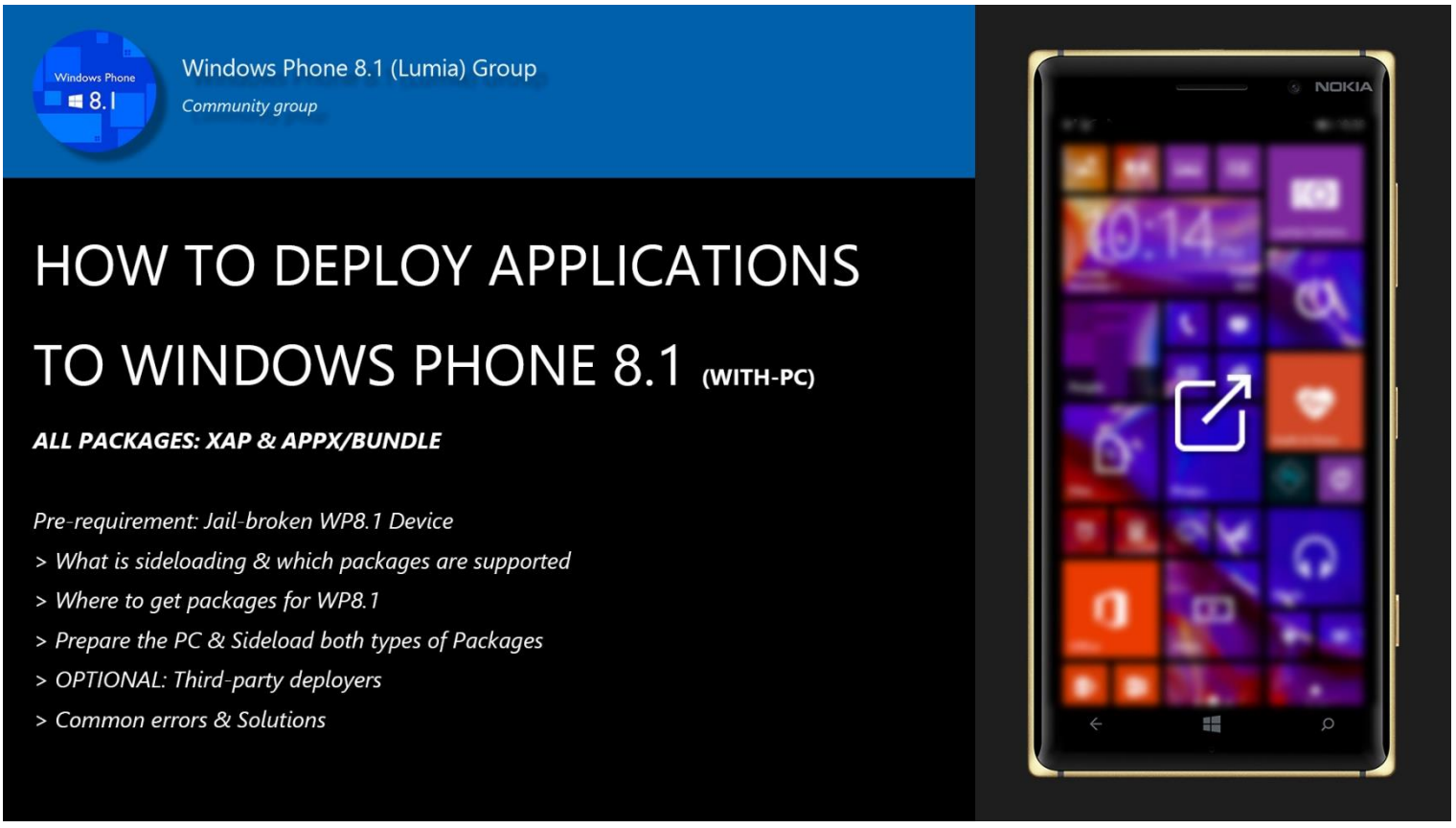
Apart from these documented Guides, we have started the roll up of Video Versions of each guide in our YouTube Channel.

Don't forget to **like** and **subscribe**!

How to Deploy applications to Windows Phone 8.1 (WITH-PC)

YOUTUBE

If you prefer video guidance more, then feel free to check this video version of this guide.



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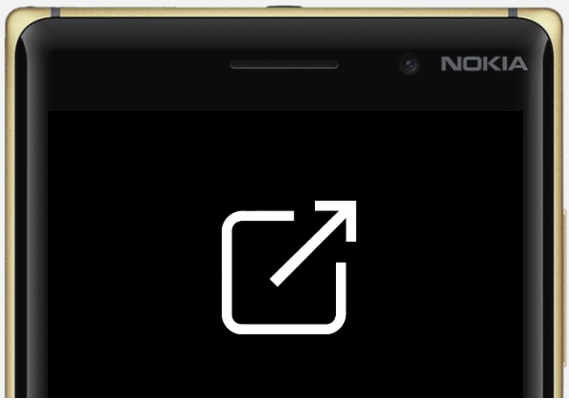
DEPLOY APPLICATIONS

WITH-PC



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Introduction

Which type of packages can be deployed?

You can deploy **XAP** & **APPX/Bundle** packages to the latest Windows Phone 8.1 System (*Minimum: Windows Phone 8.1 GDR1*)

Although we just said APPX/Bundle is deployable, only the Windows Phone 8.1 APPX/Bundle packages can be deployed, **NONE of the Windows 10 Mobile APPX/Bundle packages can be deployed** to Windows Phone 8.1

Where can I get packages of Windows Phone 8.1 apps & games?

You can download them through **our repositories** available via our *Windows Universal Tools UWP* app or via *direct access links*.

For more info, checkout this page!

Any pre-requirements?

Yes ofc.

You need to **jailbreak** your Windows Phone 8.1 Device first before being able to use this guide for application deployment.

How to get it done can be found from our Jailbreak guides in Windows Phone 8.1 Repository.

Which deployer is used in here?

Mainly only the official **Windows Phone Application Deployment (8.1)** Deployer of the Windows Phone SDK 8.1 & **partly WPV XAP Deployer**.

Although, we will *provide download links for all other deployers too* in case you want to try them.

PRE-REQUIREMENT: JAILBREAK

Before following this guide, your Windows Phone 8.1 LUMIA Device must be already jail-broken.

This is due to the closed-down design of Windows Phone 8.1 OS as without jailbreak, the device will not accept any external sideloading to the system apart from Microsoft Store.

So, make sure your Windows Phone 8.1 Device is already jail-broken!

DOCUMENTED VERSION: How to Jailbreak Windows Phone 8.1 LUMIA Devices

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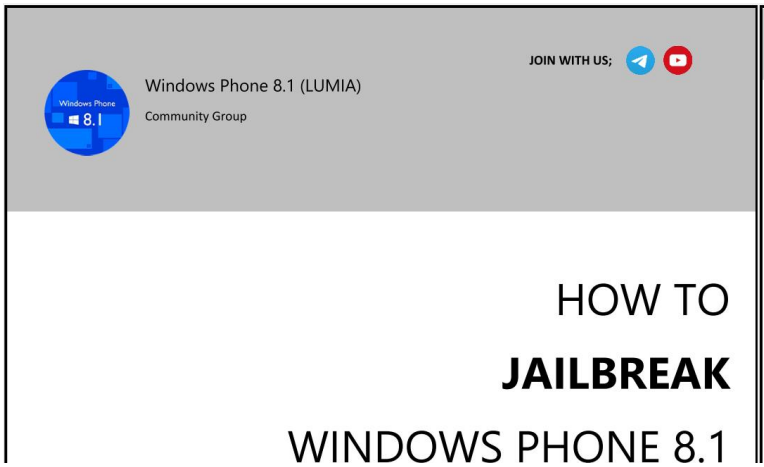
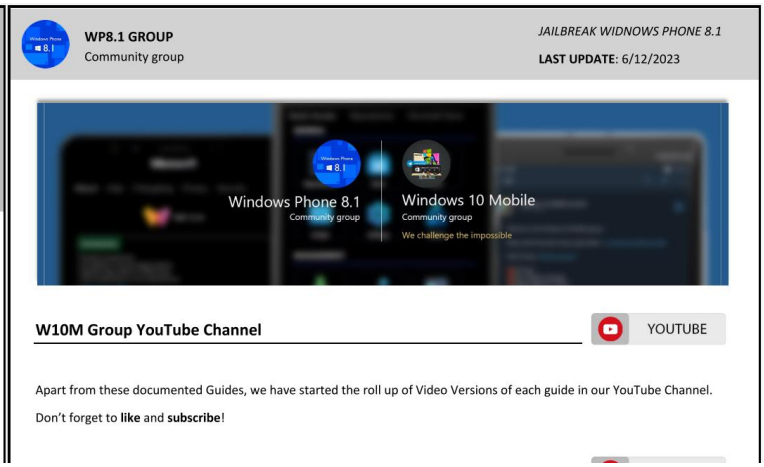
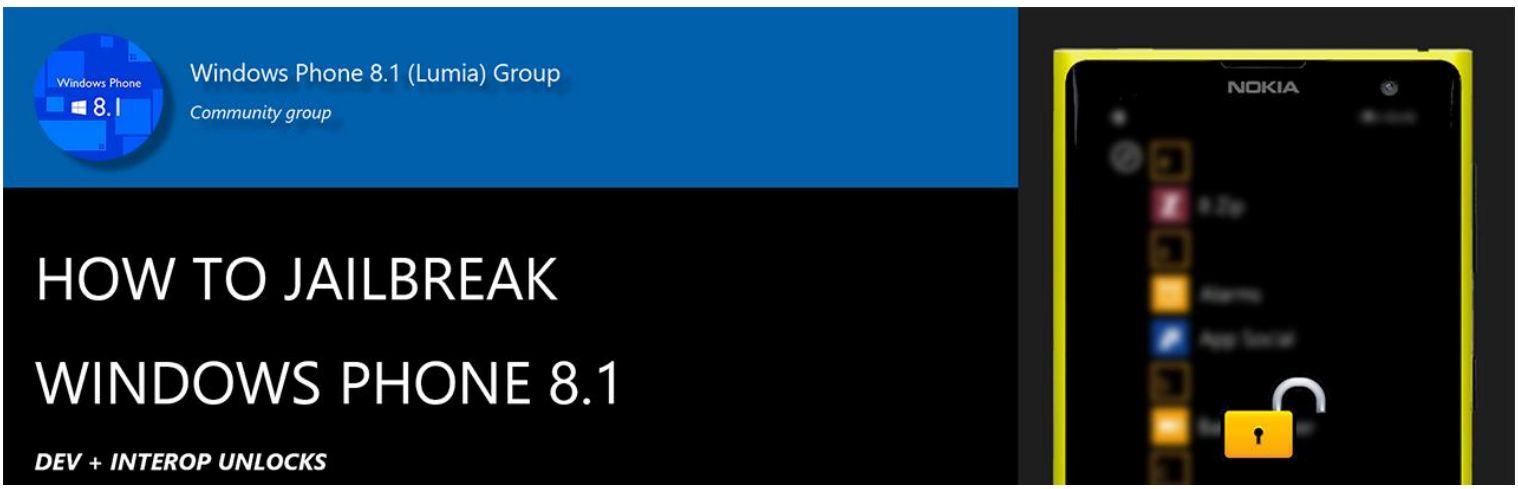




VIDEO VERSION: How to Jailbreak Windows Phone 8.1 LUMIA Devices

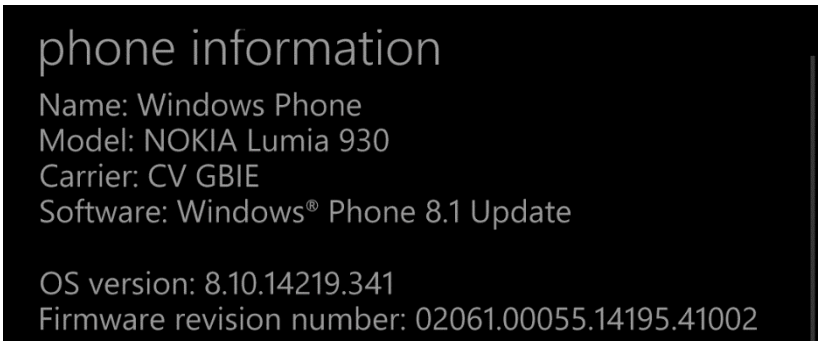
YOUTUBE



RECOMMENDATION: GDR1 / GDR2 UPDATE

If your Windows Phone 8.1 device isn't running at least **8.10.14219.341** Build, then you should update the device to at least to that build before Jailbreaking.

You can check the OS verison you are running by going to "*Settings → About → More info*"



Why you need to update?

Without that minimum build, your device may not support the latest Windows Phone 8.1 packages so you will get issues once you start to deploy applications after the jailbreak.

GDR1 UPDATE GUIDES

DOCUMENTED VERSION: How to Update any device to Windows Phone 8.1 Update (GDR1)

W.U.T MEGA

VIDEO VERSION: Update any device to Windows Phone 8.1 Update (GDR1)

YOUTUBE

GDR2 UPDATE GUIDES

DOCUMENTED VERSION: How to Update any device to Windows Phone 8.1 Update 2 (GDR2)

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VIDEO VERSION: Update any device to Windows Phone 8.1 Update 2 (GDR2)

YOUTUBE

Windows Phone 8.1 repositories

Recommended:

Use our Windows Universal Tools application to access all our four major repositories *out-of-box.*

W.U.T

Windows Universal Tool

Optional:

Direct access links to our repositories.

1. Windows Phone 8.1 Repository (Applications)

MEGA

2. WP Games

MEGA

3. WP XBL Games

(*NOT AVAILABLE AT THE MOMENT*)

Preparations

> Windows Phone 8 SDK Lite

Extract, Install & restart the PC once finished.

W.U.T MEGA

WP8.0 SDK Tools Lite Setup Av1.20.zip
64.51 MB

> Windows Phone 8.1 SDK Lite

Extract, Install & restart the PC once finished.

W.U.T MEGA

WP8.1 SDK Tools Lite Setup Av1.20.zip
155.79 MB

| NOTICE

During the Installation of both SDK, there are a lot of "***Administrator Permission prompts***" when installing the included Software/Components in the SDK pack.

Failing to accept these prompts will result the Software/component to not Install which will later cause issues with XAP Installation.

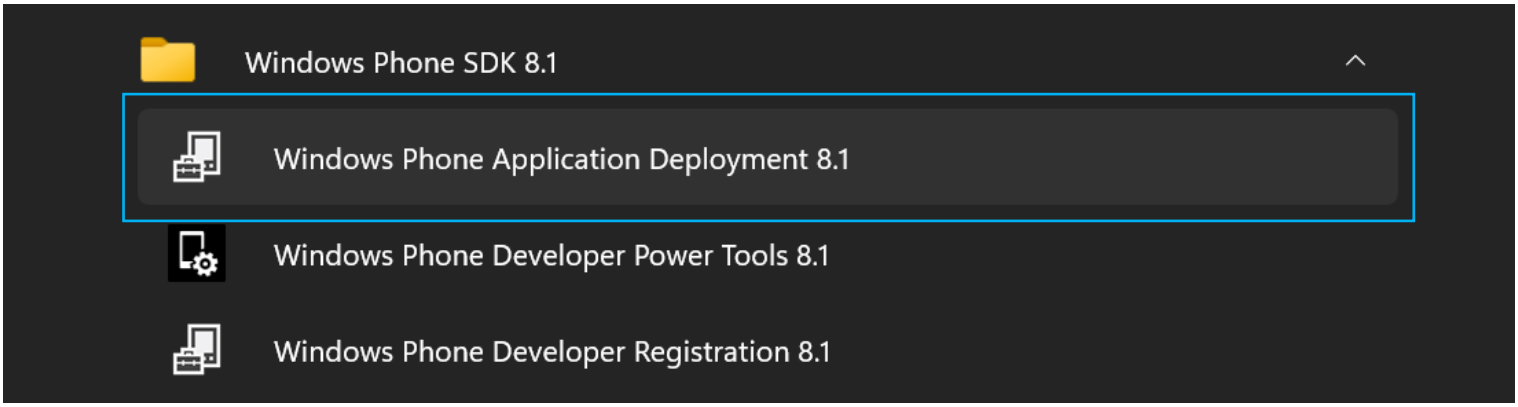
So, ***pay attention to every prompt and accept all of them***.

Otherwise, you need to completely Uninstall the SDK and reinstall from the beginning.

How to Deploy applications to Windows Phone 8.1

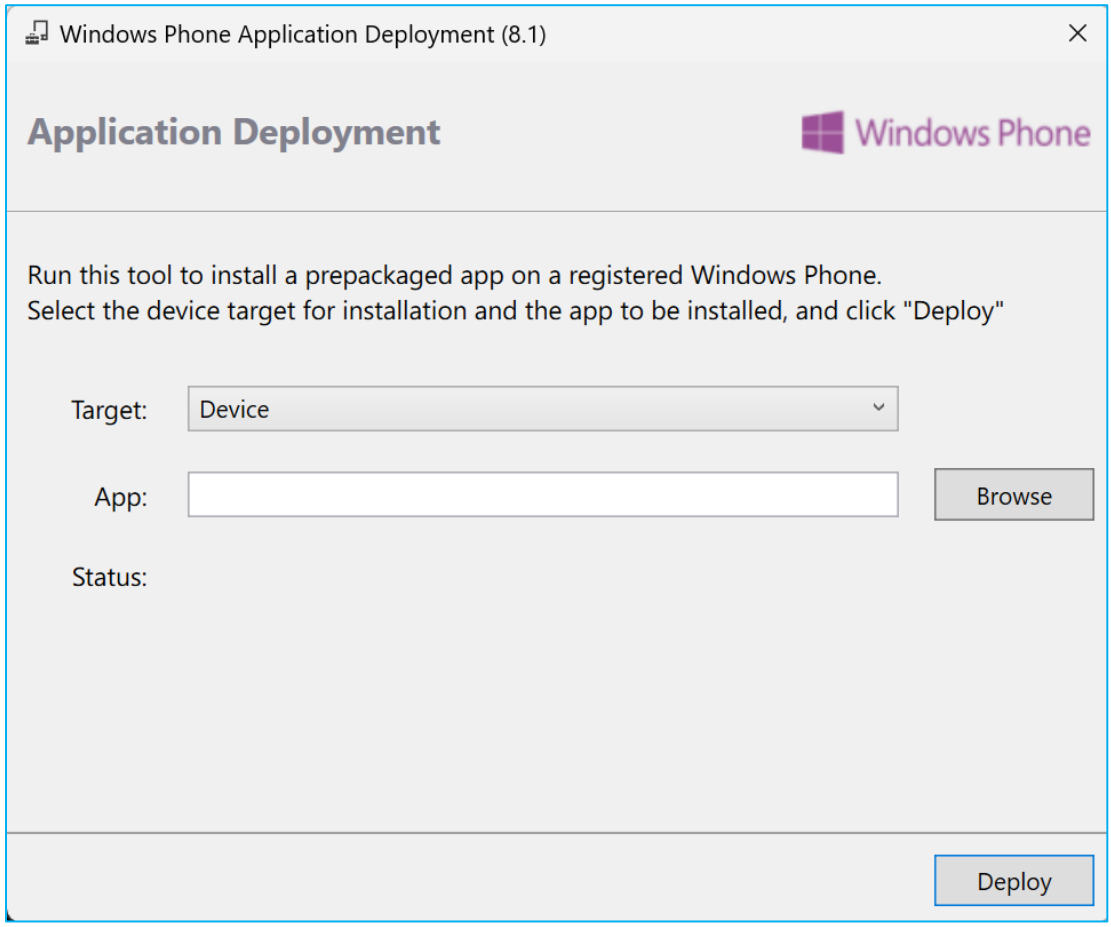
> Open your start menu and go to "**Windows Phone 8.1 SDK**"

> Expand it and click "**Windows Phone Application Deployment 8.1**" to open the official deployer.



> Here's the official deployer interface.

With this deployer, you can deploy **both XAP** & **APPX/Bundle** Windows Phone 8.1 applications to your Windows Phone.

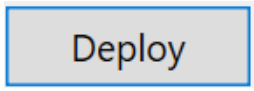


All you have to deploy an application package is;

> Click "**Browse**" and select the package (XAP/APPX/Bundle)

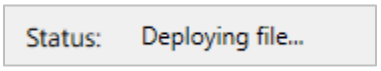
> Connect your Windows Phone to PC via USB Connection.

> Click "**Deploy**"



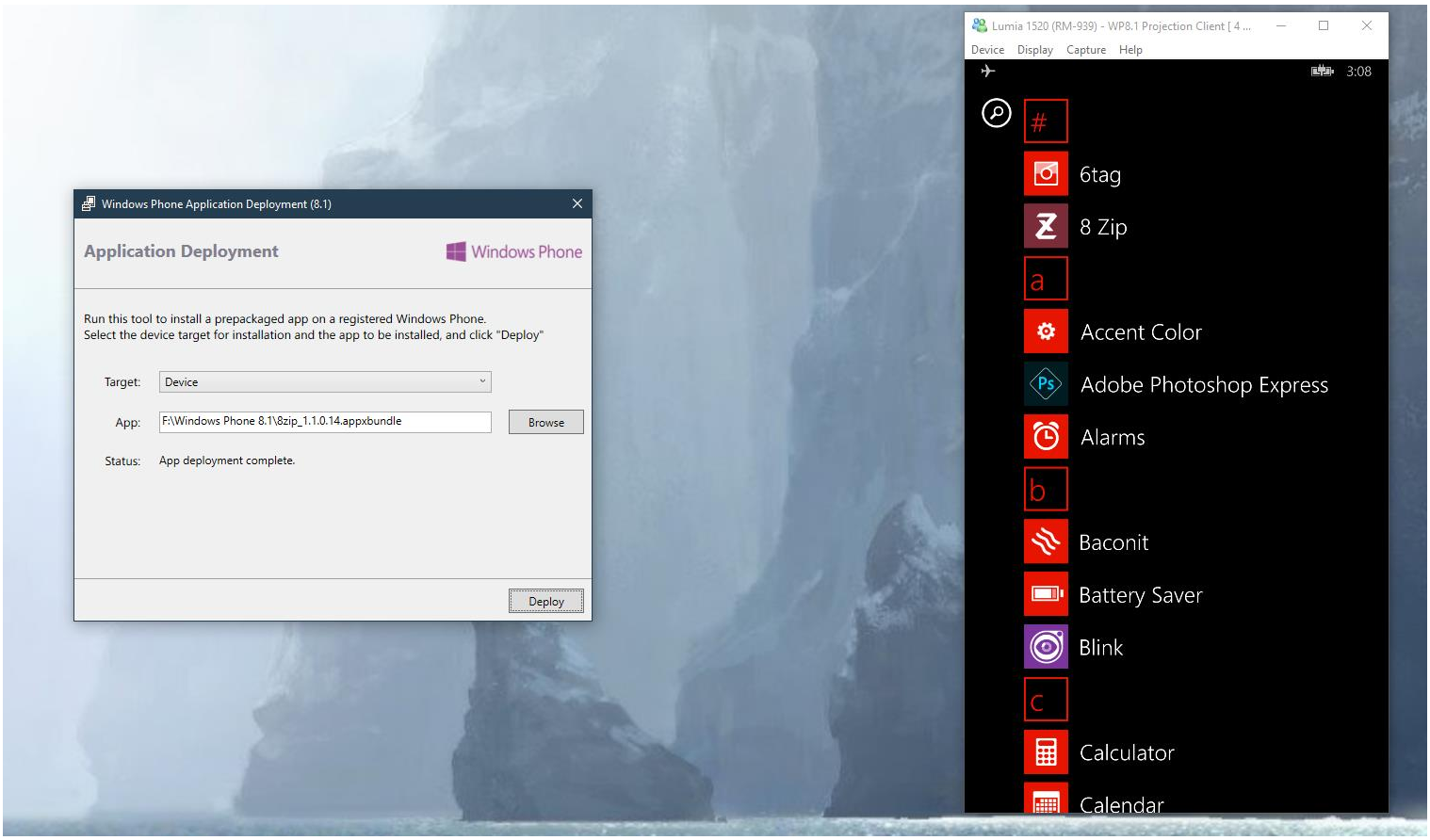
> It will display "**Deploying file…**"

Wait for it.

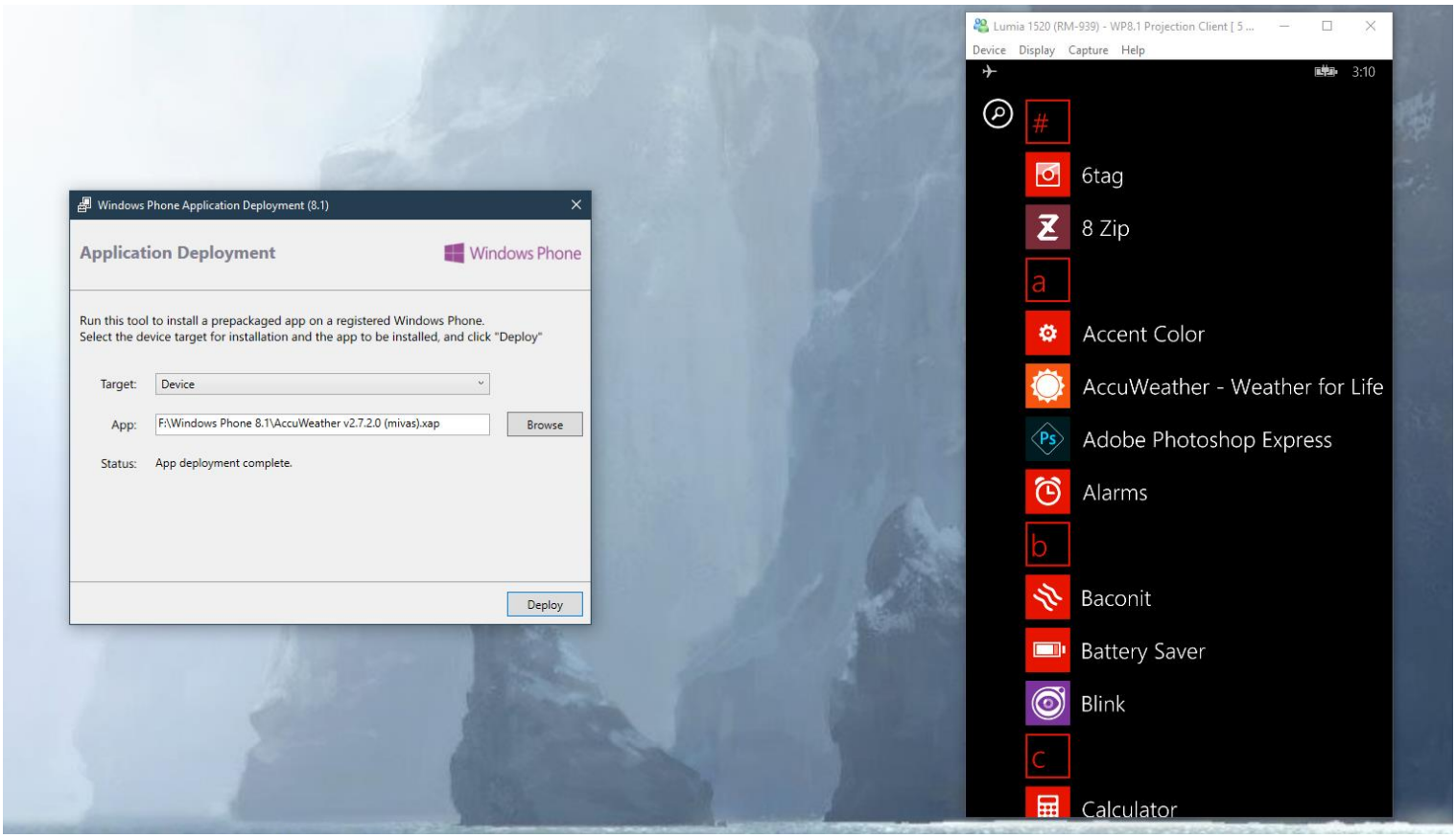


> Once the status changed to "**App Deployment Complete**", the package is installed.

You will be able to find it in the App list.



Example APPX/Bundle Installation



Example XAP Installation

Notes

- With this official deployer, *you can sideload any Windows Phone 8.1 Application no matter their package type.*

- You can deploy *only one app per time.*

  Bulk-deploying isn't supported in this official deployer.

- If you are getting Installation errors, please look in the Common Application Deployment errors & Solutions part of the guide to get around them.

[OPTIONAL] Third-party Application Deployers

There are several third-party application deployers for Windows Phones and the most common one is the WPV XAP Deployer!

Download WPV XAP Deployer.

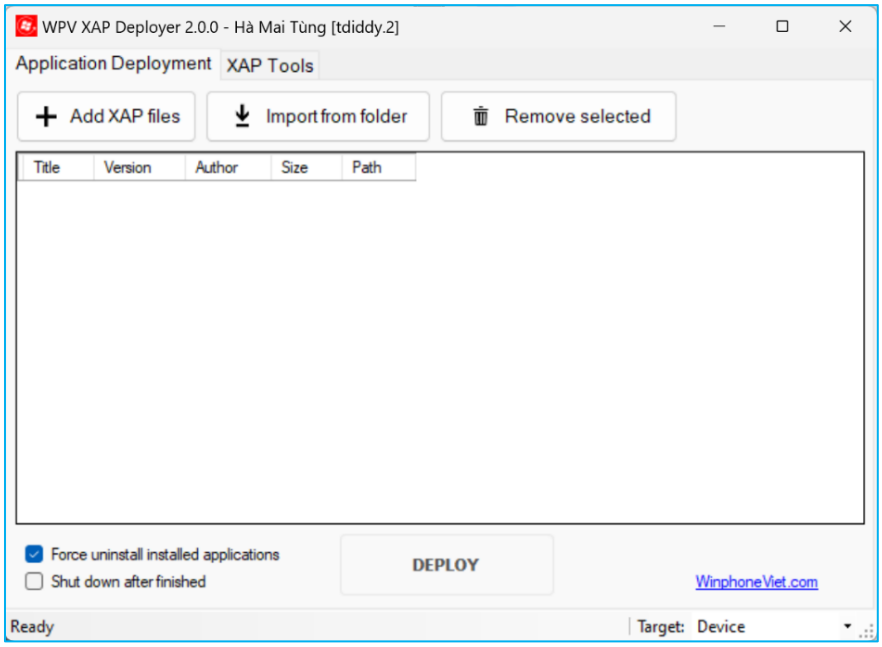
W.U.T MEGA

Pros over the official deployer;

- ✓ *Support Bulk-deploying*
- ✓ *Multiple ways to load packages to the deployer.*

Cons over the official deployer;

- × *Only XAP packages are supported.*
- × *Do not support latest XAP packages designed for WP8.1*



More third-party deployers?

There are several other deployers too apart from WPV XAP Deployer.

But, they do not have any significant advantages over the Official Deployer or WPV XAP Deployer so I will not feature them in this guide.

If you want to try them nonetheless, you can get all of them from our repository.

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Common Application Deployment errors & Solutions

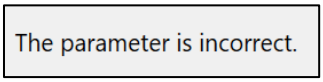
1. Error "There is an Error in XML Document (2,2)

You will face this error more often with latest XAP & APPX Applications.

Solution;

Extract and repack the XAP/APPX/BUNDLE application and deploy the repacked "XAP" or "APPXBUNDLE" file.

2. Error "The Parameter is incorrect"

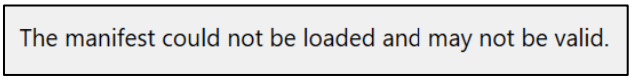


This error means you have opened both "*Windows Phone Application Deployment (8.1)*" tool and "*WPV XAP deployer*" same time.

Solution;

Close both Deployment programs and only open one at a time.

3. Error "Manifest could not be loaded and may not be invalid"

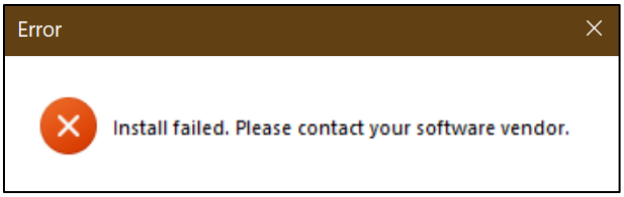


This error appears with some XAP files while deploying using "*Windows Phone Application Deployment (8.1)*" tool.

Solution;

Close "*Windows Phone Application Deployment (8.1)*" tool and open that specific XAP/APPX/BUNDLE with "*WPV XAP Deployer*" and deploy it to phone using that.

4. Error "Install failed, Please Contact your Software vendor"

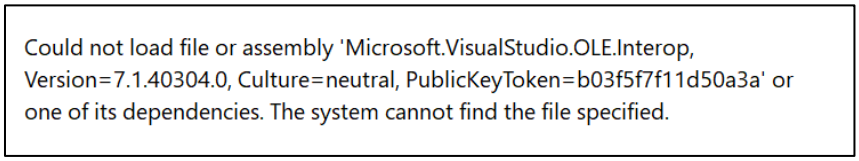


This error appears with some XAP/APPX files while deploying using "*WPV XAP Deployer*" tool.

Solution;

Close "*WPV XAP Deployer*" tool and deploy that specific XAP using "*Windows Phone Application Deployment (8.1)*" tool.

5. Error with "WP8.1 Application Deployment" tool



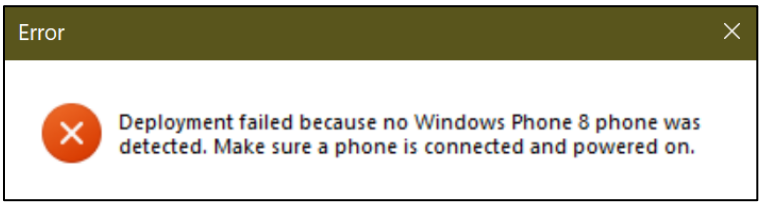
A dialog box will be presented upon launching "*Windows Phone Application Deployment (8.1)*" tool if you have Visual Studio 2017 Installed in your PC.

Solution;

Download the portable deployer, extract it to anywhere and run "AppDeploy.exe" to deploy any app/game.

W.U.T MEGA

6. Error "No WP8 Device Detected"



When you flashed/Reset your WP which you previously deployed apps to, you will face this issue after connecting the same but flashed/Reset WP device even when it's connected to PC.

Solution;

Open "*Control Panel*" & go to "*Devices & Printers*", find your WP device, Right Click on it & Choose "**Remove Device**", then reconnect your device & deploy.

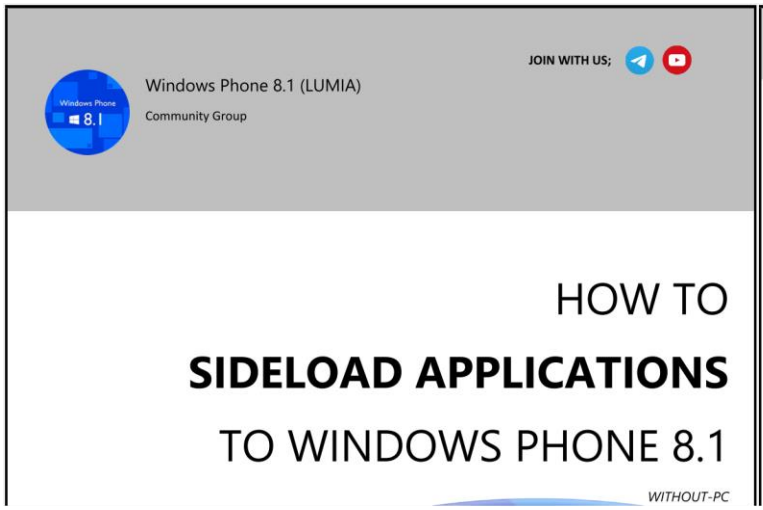
[REFERENCE] How to sideload applications to Windows Phone 8.1 (WITHOUT-PC)

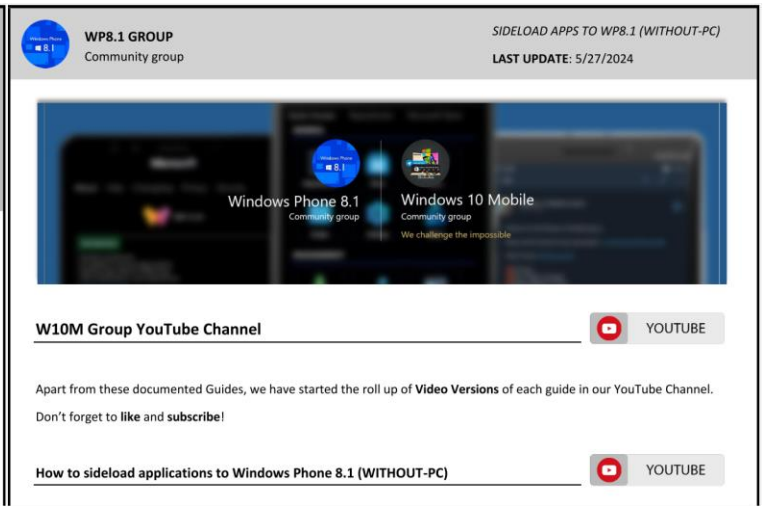
If you want to get to know how to sideload applications to Windows Phone 8.1 without a PC, then refer to the below guide.

Both documented & video versions contains the same content, it's up to you to choose your preferred choice of guide.

DOCUMENTED VERSION: How to sideload applications to Windows Phone 8.1 (Without-PC)

W.U.T MEGA





VIDEO VERSION: How to sideload applications to Windows Phone 8.1 (Without-PC)

YOUTUBE

End Notes

- The phone must be jailbroken using any of our guides before you can use this guide to deploy applications.
- During the Application deployment, the phone must be PIN-Unlocked and need to stay ON to prevent the screen-timeout.

Credits

✓ Arnold Vink for the repacks of both lite SDKs.
✓ Hai Mai Tung for WPV XAP Deployer.
✓ Micheal for creating and maintaining the original repository.
✓ All our WP8.1 Group members who contributed to the repository expansion.

That is all for this guide!

THANK YOU!!

Lasitha Samarasinghe